



MATERIAL SAFETY DATA SHEET (MSDS)

n-DECANOL 79% EC

1. IDENTIFICATION OF THE COMPANY / SUBSTANCE

SUPPLIER : **NOVA AGRO (HK) LTD.**
(Reg. No. 1023146)
6th Floor Wyndham Place
44 Wyndham Street
CENTRAL HONG KONG.

Date of this document: February, 2021

Emergency Telephone Numbers:

Poisonings

National Poison Centre: (+27)-21-938 6084 (office hours).

(South Africa): (+27)-21-931 6129 (after hours); (+27)-800 33444 (24 h)

Product name: n-DECANOL

Chemical name: n-Decanol

Chemical type: Plant growth regulator (PGR) for control of sucker growth in tobacco

Chemical family: fatty alcohol

2. COMPOSITION / INFORMATION ON INGREDIENTS

<i>Chemical name</i>	<i>Concentrate</i>	<i>Cas Number</i>	<i>EC number</i>	<i>R Phrases</i>	<i>Symbols</i>
n-Decanol	79%	112-30-1	203-956-9	36/38	Xi N

3. HAZARDS IDENTIFICATION

- Contact with eyes: May cause irritation
- Contact with skin: May cause irritation
- Harmful to aquatic organisms (R52)

4. FIRST-AID MEASURES

Contact with skin: Wash affected area with plenty of soap and water.
Seek medical advice if necessary.

Contact with eyes:	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Seek medical attention if irritation persists.
Ingestion:	Give plenty of water to drink. Obtain immediate medical attention.
Inhalation:	Remove patient to fresh air. Seek medical attention if ill effects occur.

5. FIRE-FIGHTING MEASURES

- Auto ignition point 257⁰C at 760mm Hg
- Flash point >109⁰C (CC)
- Carbon oxides may be formed
- In case of fire, do not breathe fumes
- Wear Positive-Pressure Breathing Apparatus
- In case of fire use water, foam, carbon dioxide or dry agent (S43)

6. ACCIDENTAL RELEASE MEASURES

- Special precautions: Wear protective clothing as per section 8
- Clean up actions: Absorb spillage in suitable inert material
Sweep or shovel-up spillage and remove to a safe place.
Remove contaminated material to safe location for subsequent disposal.

7. HANDLING AND STORAGE

HANDLING

- The usual precautions for handling chemicals should be observed
- Keep away from food, drink and animal feeding stuffs (S13)
- When using do not eat, drink or smoke (S20/21)

STORAGE

- Keep locked up and out of reach of children (S1/2)
- Keep in a cool, well ventilated place away from food stuff (S3/9/14)
- Keep only in the original container (S49)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable

Precautionary measures

- Ensure adequate ventilation

Personal protection

- When handling this substance, e.g. sampling, wear goggles giving complete eye protection
- Wear suitable protective clothing (S36)

9. PHYSICAL AND CHEMICAL PROPERTIES

- Odour: characteristic
- Appearance: colourless to yellow liquid
- pH: not known
- Boiling point: 232°C at 760mm / Hg
- Vapour pressure: 7mm/Hg
- Vapour density: not known
- Melting point: not applicable
- Specific gravity: 0.867 g/cm³
- Flash point: >109°C (CC)
- Auto-ignition point: 257°C at 760mm Hg

10. STABILITY AND REACTIVITY

- Stable for storage for at least two years if stored under normal storage conditions (<25°C)
- Avoid overheating

11. TOXICOLOGICAL INFORMATION

- LD₅₀ (Oral, rat): >5000 mg/kg
- LD₅₀ (skin, rabbit): >6000 mg/kg
- LC₅₀ (inhalation, rat): >20 mg/l/4h
- Irritation to skin (rabbit): Moderate
- Irritation to eyes (rabbit): Moderate
- Sensitization (guinea pig): Negative

12. ECOLOGICAL INFORMATION

- Harmful to aquatic organisms (R52)
- Marine pollutant
- Do not contaminate surface waters or ditches with chemical or used container

13. DISPOSAL CONSIDERATIONS

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers

14. TRANSPORT INFORMATION

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (contains n-decanol 690g/l)

Emergency action code:

UN No: 3082

Hazard class: 9, Miscellaneous

Packing group: III

Road/Rail (ADR/RID)

ADR UN no.: 3082

ADR Hazard class: 9, Miscellaneous

ADR Item no.: 9, 11(c)

ADR/RIDno.:

Tremcard:

TEC(R)-90G01

Sea (IMDG)

IMDG UN no.: 3082

IMDG Hazard class: 9, Miscellaneous

IMDG Page no.:

IMDG Pack group: III

IMDG EmS:

IMDG MFAG:

Air (ICAO/IATA)

ICAO UN no.: Not regulated

ICAO Hazard class:

15. REGULATORY INFORMATION

Classification and labeling

- The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents
- The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties
- The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications – usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

Applicable laws

- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Refer to current The Dangerous Preparations Directive (88/379/EEC)

Risk Phrases

- Harmful to aquatic organisms (R52)

Safety Phrases

- Keep locked up and out of reach of children (S1/2)

-
- Keep in a cool, well ventilated place away from foodstuff (S3/9/14)
 - When using do not eat, drink or smoke (S20/21)
 - Wearing suitable protective clothing (S36)
 - Keep only in the original container (S49)

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge as is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.
